

This listing of claims will replace all prior versions
and listings of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) A device for collecting and
detecting airborne microorganisms, comprising:

a an enclosed culturing container containing liquid
media capable of growing the microorganisms, the
container having a first tube with an outwardly extended
end opened to the ambient air and extending to a bottom
section of the container so as to be in the liquid media
with a headspace above the liquid media and having a
second tube adjacent the first tube extending into the
headspace in the container above the liquid media at one
end and having an other end;

~~an air~~ a vacuum pump for transferring an air sample
with the microorganisms through said liquid media from
the first tube, thereby intimately mixing and contacting
the microorganisms with said liquid media, for subsequent
incubation of the microorganisms in order to promote
their growth; and

a submicron filter at the other end of the second
tube between the culturing container and ~~air~~ the vacuum.

pump to prevent liquid and solid particulate matter from passing beyond the filter and contaminating the air pump, wherein the container, first tube, second tube and filter are disposable after the collection and detecting of the airborne microorganisms.

2. (Cancelled)

3. (Cancelled)

4. (Original) The device of claim 1 wherein said culturing container further includes a detector substance capable of detecting microbial growth during said incubation of the microorganisms.

5. (Original) The device of claim 4 wherein said detector substance is a pH indicator.

6. (Original) The device of claim 4 wherein said detector substance is a redox indicator.

7. (Original) The device of claim 4 wherein said detector substance is an enzymatic indicator.

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8. (Original) The device of claim 4 wherein said liquid media is selectively promoting growth of a specific class of microorganisms and inhibiting growth of other organisms.

9. (Original) The device of claim 4 wherein said liquid media further comprises at least one antimicrobial agent capable of inhibiting the growth of background microorganisms while allowing growth of target microorganisms which are resistive to said antimicrobial agent.

10. (Original) The device of claim 9 wherein said target microorganisms are species of anthrax.

11. (Cancelled)